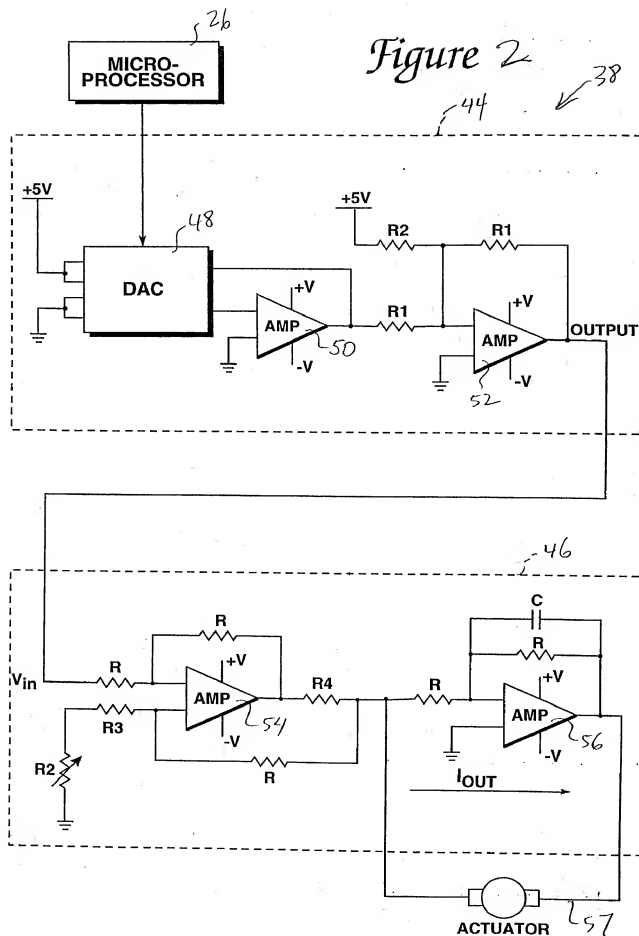


Figure 1

Figure 2



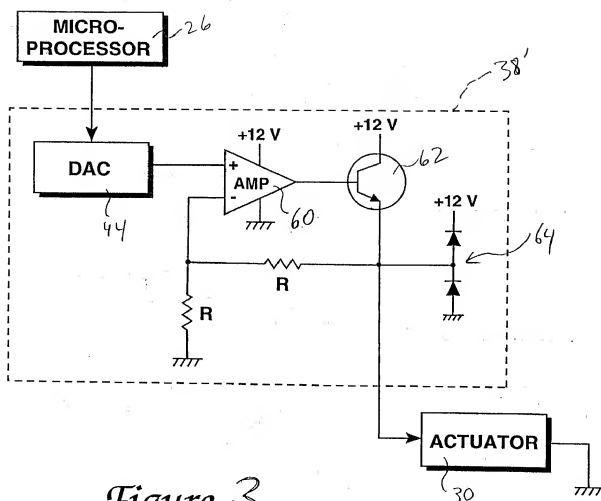


Figure 3

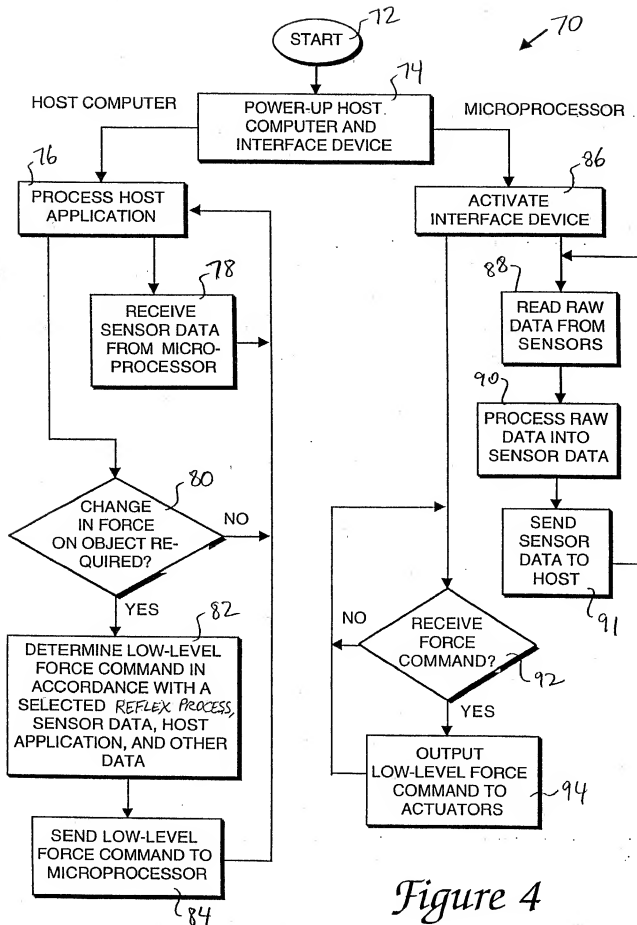


Figure 4

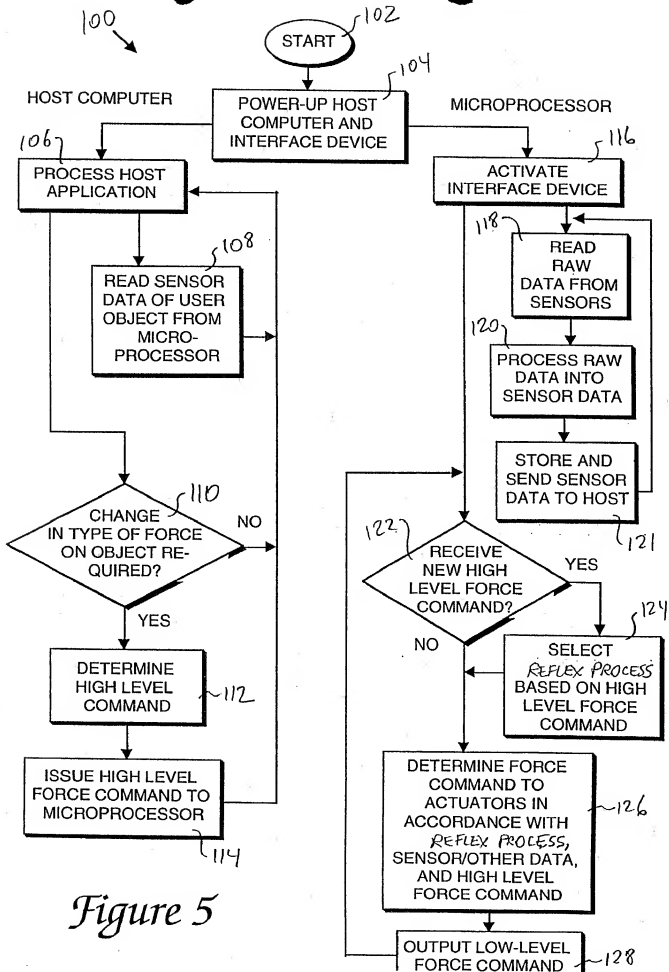


Figure 5

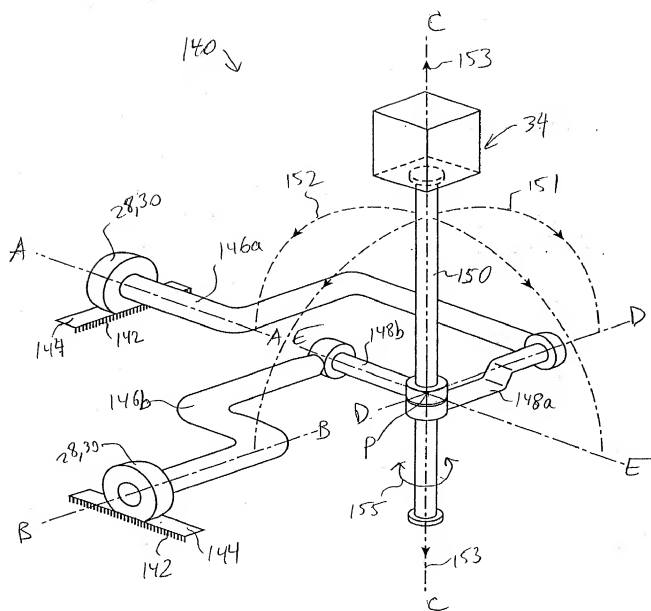


Figure 6

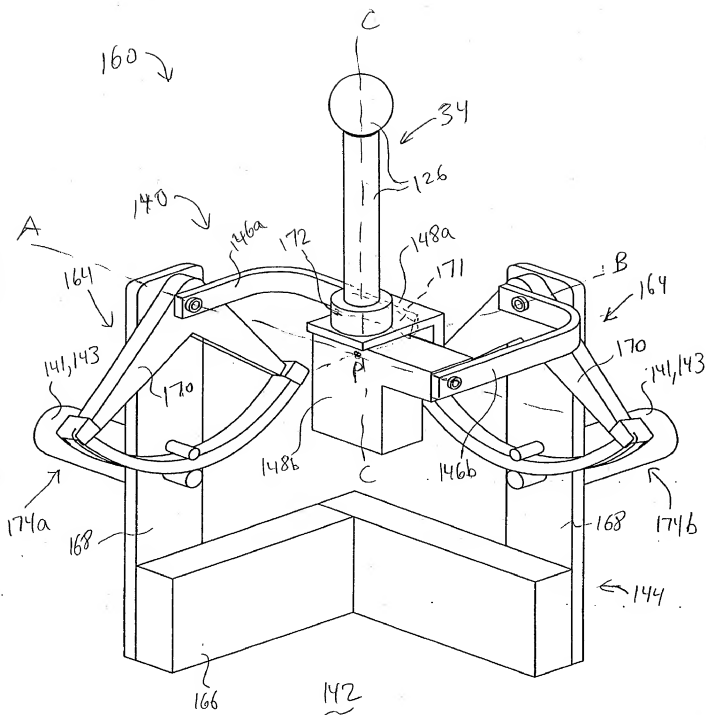


Figure 7

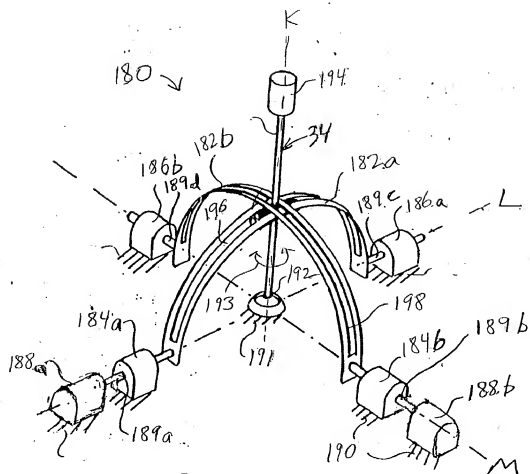


Figure 8



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## RATE CONTROL COMMANDS

<u>FORCE</u>	<u>PARAMETERS</u>	<u>SUBCLASS</u>
RESTORING	R-FORCE (MAGNITUDE, DURATION, STYLE, DEADBAND)	CONDITION
RESTORING SPRING	R-SPRING (COEFFICIENT, DURATION, STYLE, DEADBAND)	CONDITION
SLUGGISH STICK	SLUG (COEFFICIENT, DURATION, STYLE)	CONDITION
UNSTABLE	UNSTABLE (MAGNITUDE, DURATION, STYLE)	CONDITION
VECTOR	V-FORCE (MAGNITUDE, DURATION, DIRECTION)	OVERLAY
VIBRATION	V-VIBRATE (MAGNITUDE, DURATION, DIRECTION, FREQUENCY, STYLE)	OVERLAY
WOBBLE	WOBBLE (MAGNITUDE, DURATION, STYLE)	OVERLAY
BUTTON	B-FORCE (MAGNITUDE, DURATION, DIRECTION, BUTTON, AUTOFIRE)	OVERLAY/CONDITION
JOLT	JOLT (MAGNITUDE, DURATION, DIRECTION)	OVERLAY

FIGURE 9

00750417 1010301

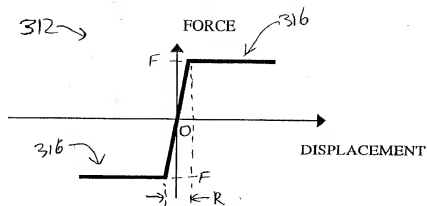


FIGURE 10a

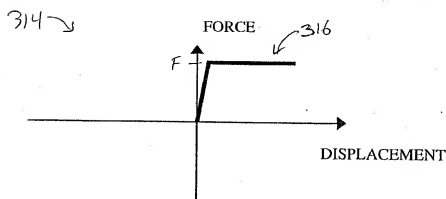


FIGURE 10b

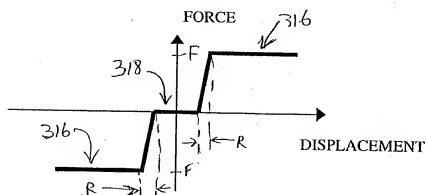


FIGURE 10c

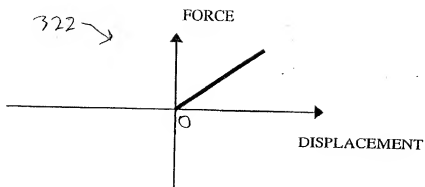


FIGURE 11b

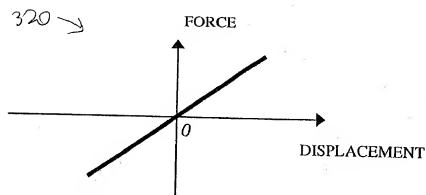


FIGURE 11a

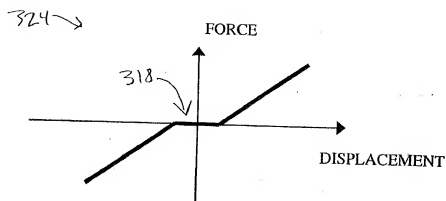


FIGURE 11c

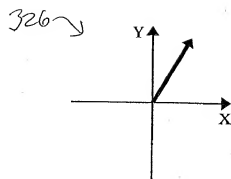


FIGURE 12

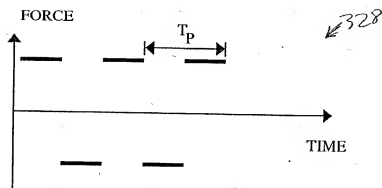


FIGURE 13a

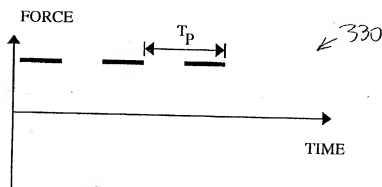


FIGURE 13b

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POSITION CONTROL COMMANDS

EXAMPLE OF  
COMMAND AND  
PARAMETERS

338 336 340

<u>FORCE</u>	
VECTOR	P- FORCE (MAGNITUDE, DIRECTION)
GROOVE	GROOVE (MAGNITUDE, STYLE, SNAP-DISTANCE)
DIVOT	DIVOT (MAGNITUDE, STYLE, SNAP-DISTANCE)
TEXTURE	TEXTURE (MAGNITUDE, DENSITY, STYLE)
BARRIER	X-BARRIER (MAGNITUDE, LOCATION, SNAP-DISTANCE)
FIELD	FIELD (MAGNITUDE, ORIGIN, SENSE)
PADDLE	PADDLE (MASS, GRAVITY, COMPLIANCE, SENSE)
BUTTON	BUTTON (MAGNITUDE, DIRECTION, BUTTON, AUTOFIRE)

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FIGURE 14

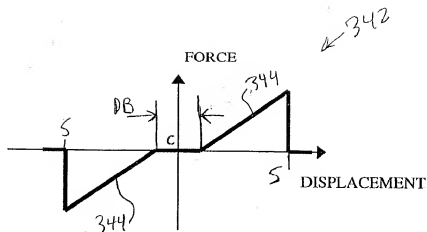


FIGURE 15

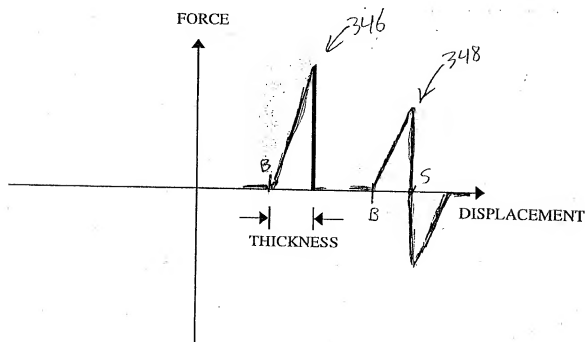


FIGURE 16

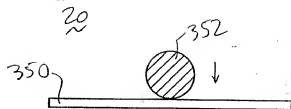


Fig. 17a



Fig. 17b



Fig. 17c

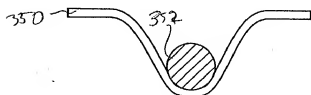


Fig. 17d

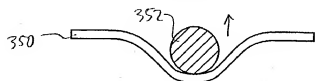


Fig. 17e



Fig. 17f

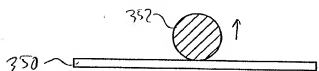


Fig. 17g



Fig. 17h

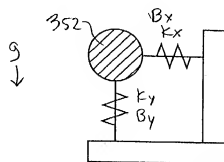


Fig. 17i

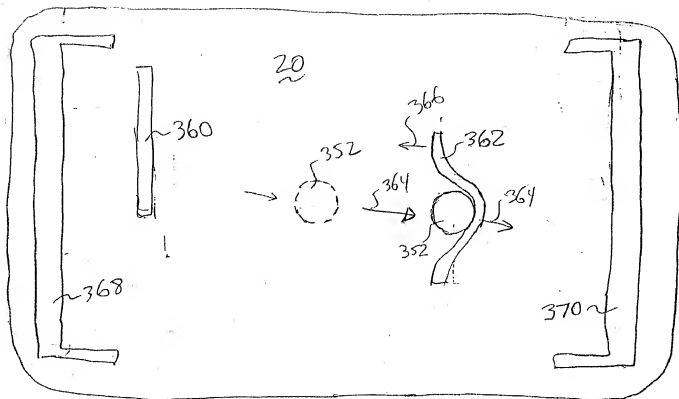


Figure 17j

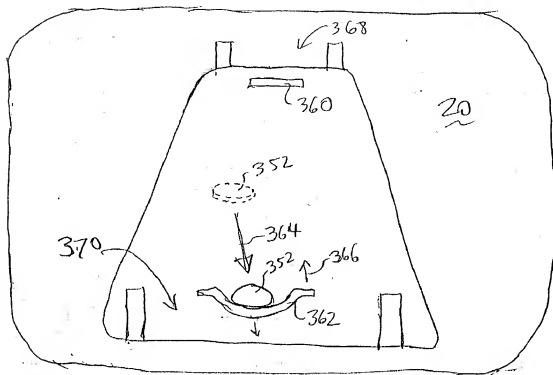


Figure 17k



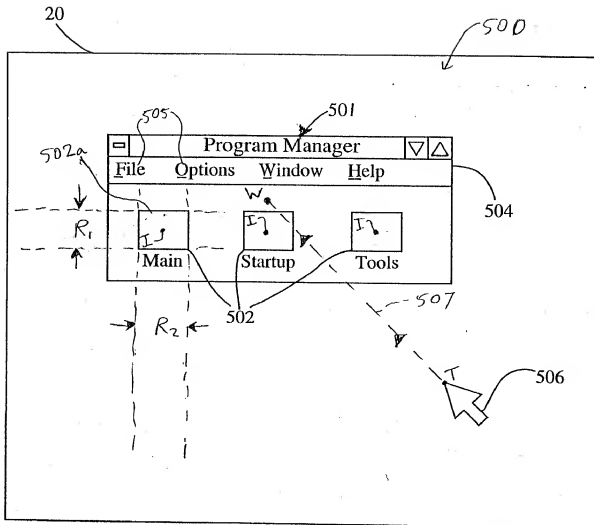


Figure 18

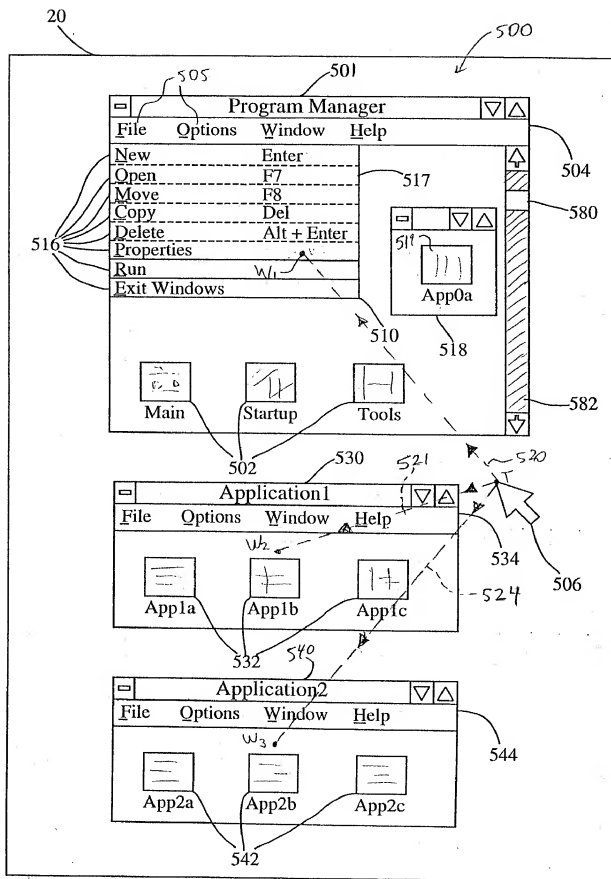


Figure 19

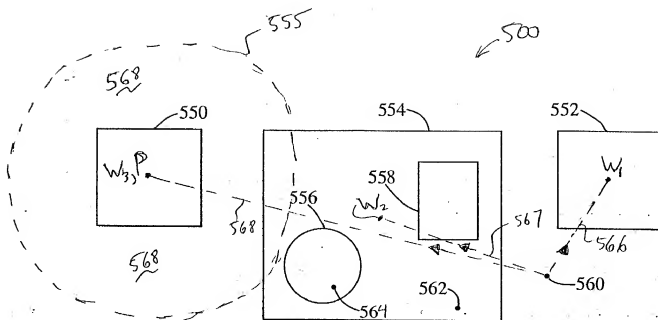


Figure 20a

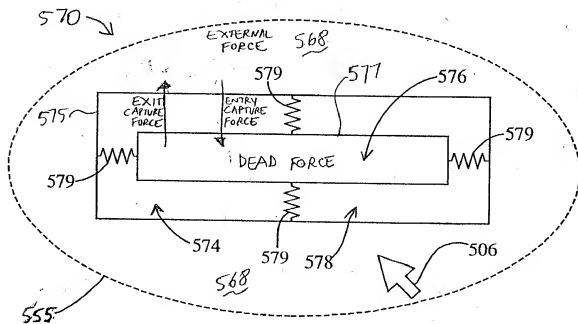
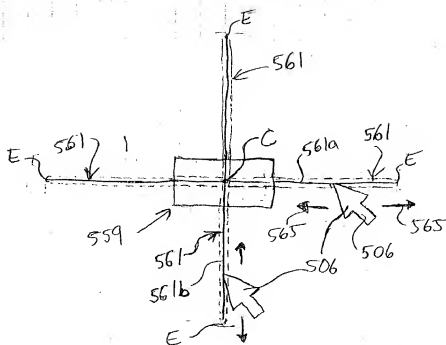


Figure 20b



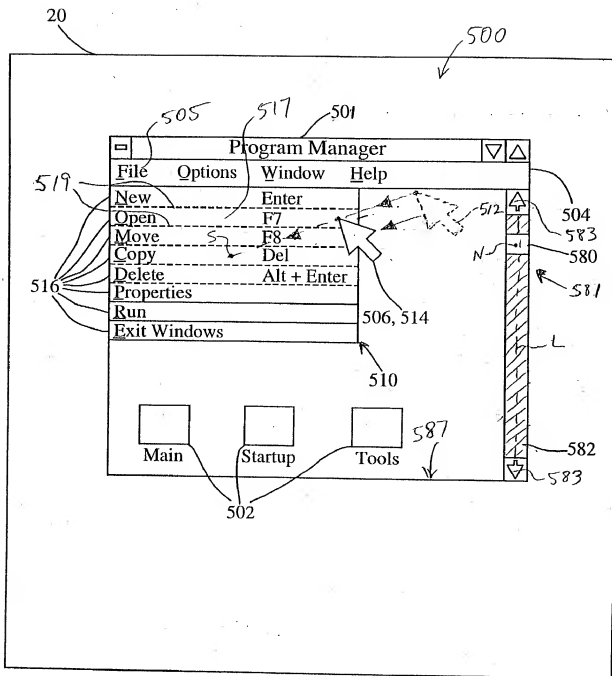


Figure 2/

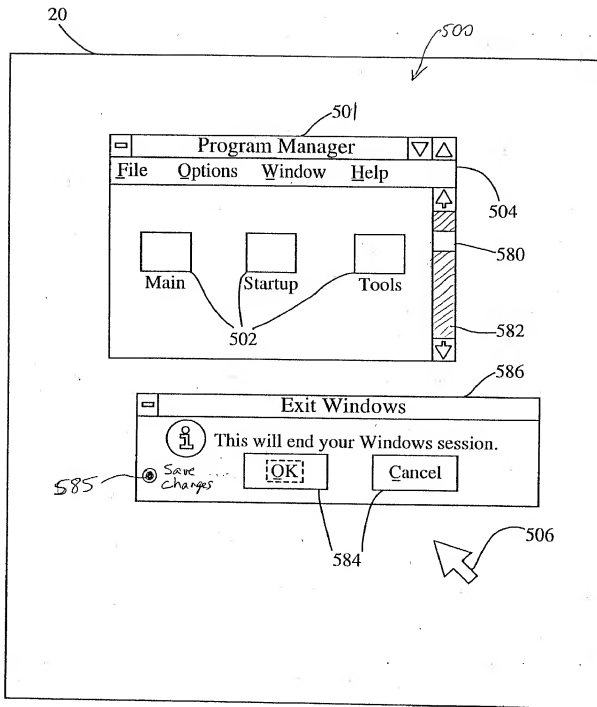


Figure 22



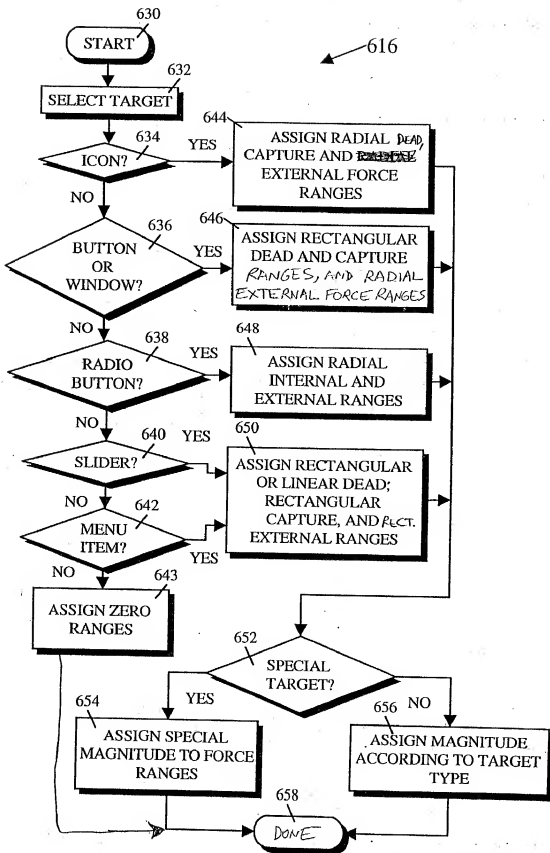


Figure 24



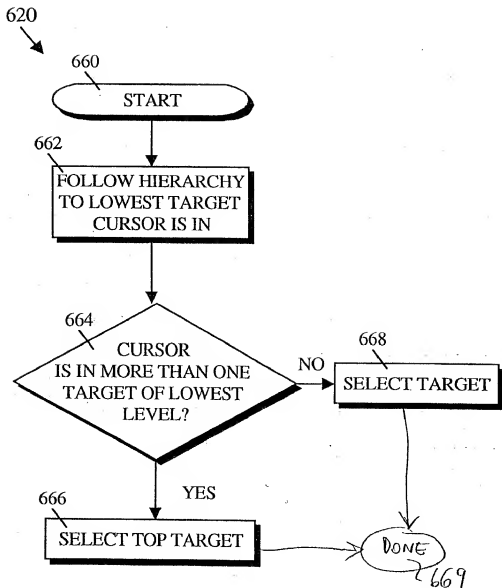


FIGURE 25

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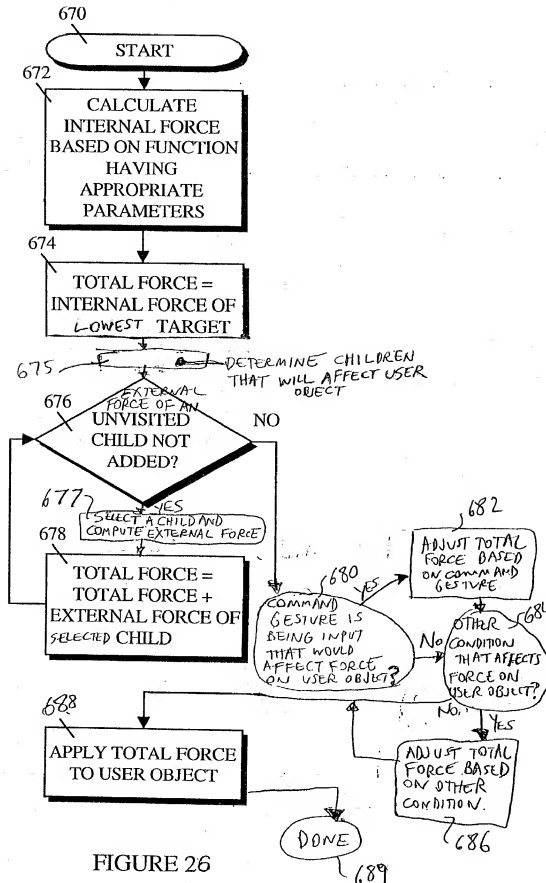


FIGURE 26

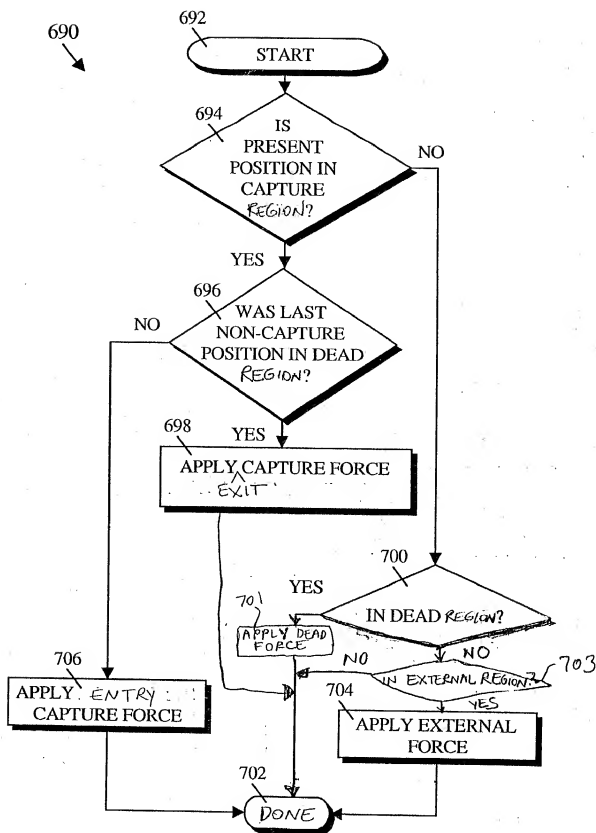


FIGURE 27